

One Month

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Using setTimeout() to Animate

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Week 2: DOM Manipulation · Lesson 10 ·

Lesson Notes

Discussion (19)

The `setTimeout()` method sets a timer which executes a function or specified piece of code once the timer expires. Watch on as we use it to animate the appearance of cats on the page.

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="utf-8">
  <title>JavaScript: Animation</title>
  <style type="text/css">

    #container{
      position: absolute;
      left: 20px;
      top: 20px;
      height: 500px;
      width: 500px;
      border: 3px solid #CCC;
      background-color: #FFF;
    }

    .box{
      float: left;
      width: 75px;
      height: 100px;
      margin: 10px;
      background: #FFF url('http://placekitten.com/g/75/100');
    }
  </style>
</head>

<body>
  <div id="container">

  </div>
  <script>

    var x;
    for(x=0;x<20;x++) {

      setTimeout(function(){

        var box = document.createElement('div');
        box.className = 'box';
        document.getElementById('container').appendChild(box);
      }, 1000);
    }
  </script>
</body>
</html>
```

```
    }, 500 * x);  
  }  
  
</script>  
</body>  
</html>
```

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